Elna overlocker 664 manual

I'm not robot!

```
Have just purchased 664 pro. While I have sewed for many years and been using a 30 year old overlocker, I purchased this machine with the basics, can you suggest a Vidio or book that can be explain better some of the new beaut things I can do
eg. Cording pintucking, roller hem, and where do I purchase the feet that I may need to do some of these jobs. Hope you can help? Marg $4.99 This is a download manual. Examples include: * Threading the machine. * Controlling sewing speed. * Thread
tension for rolled hemming. * Changing needles. * Opening and closing the looper cover. * The position of thread guide bar. * Pressure adjusting dial. * Error messages. * Attaching the spool holder cap and net. * How to use guide lines. * Sewing continuously. * Adjustment of needle plate setting knob. * To deactivate the upper knife. * Oiling the
machine. * Troubleshooting. * Changing light bulb. * Cleaning. * Much more! 40 page instruction manual. Model: 664 Serger/Overlock Características: 3/4 fios; Comprimento do ponto de 1,0 a 5,0 mm Sistema de corte de linha integrado Pressão do calcador ajustável Porta-fios com sistema de
antena telescópica para 4 cones Capa protetora. Voltagem: 110V Garantia: Garantia de 12 meses contra defeitos de fábrica a partir da data de emissão da nota fiscal. Estão isentos dessa garantia: mal uso do produto, passagem de linha
incorreta, ligação em voltagem errada entre outros defeitos de manuseio. Despesas de envio quando não há assistência autorizada de fábrica na localidade onde se encontra o produto correm por conta do comprador. Se constatado defeito no produto sem custo
nenhum, assim como despesa de envio de um novo produto são de inteira responsabilidade da empresa Magazine da Costura. FRETE GRATIS, EXCETO REGIÃO NORTE E NORDESTE. elna 664 Pro | Instruction Manual |IMPORTANT SAFETY INSTRUCTIONS This appliance is not intended for use by persons (including children) with reduced physical
sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervised to ensure that they do not play with this overlock machine. Do's and Don'ts 1. Always be aware of the up-and-down
movement of the needle and do not turn your attention away from the machine while it is running. 2. When leaving the sewing machine unattended, the main switch of the machine while it is running. 2. When leaving the sewing machine unattended, the main switch of the machine while it is running. 2. When leaving the sewing machine unattended, the main switch of the machine while it is running. 2. When leaving the sewing machine unattended, the main switch of the machine while it is running. 2. When leaving the sewing machine unattended, the machine while it is running. 2. When leaving the sewing machine unattended, the machine while it is running. 2. When leaving the sewing machine unattended, the machine while it is running. 2. When leaving the sewing machine unattended, the machine while it is running. 2. When leaving the sewing machine unattended, the machine while it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running. 3. When leaving the sewing machine unattended it is running to the sewing machine unattended it is running to the se
                                                                                                                                                                                                                                                                                                                                                                                  .. 5 Accessory Box ......
must be disconnected from the power supply by removing the plug from the socket-outlet. 4.TABLE OF CONTENTS PREPARATION CARE OF YOUR MACHINE Names of Parts .......
                                                                                                                                                                                                                                                                                                       ... 4 Attaching the Waste Chip Box .....
                                                                                                                                                                                                                                                                  ...PREPARATION 4 17 Names of Parts 15 16 3 1 Left needle thread tension dial 2 Right needle thread tension dial 31 14 3 Upper looper thread tension dial 4 Lower
                                                                                                                  .. 5 Connecting the Machine to the Power Supply ........... 6 Controlling Sewing Speed...........
looper thread tension dial 2 13 1 5 Side cover 6 Looper cover 7 Handwheel 32 11 10 9 Machine socket 11 Stitch length dial 12 Spool pin 15 Thread guide bar 16 Thread guide bar 16 Thread guide bar 16 Thread guide 17 Pressure adjusting dial 21 20 18 Lower looper pre-tension settinAttaching the Waste
Chip Box Hang the waste chip box on the looper cover with the hooks. 1 Waste chip box 2 Looper cover 3 Hook 2 3 1 Accessory Box The accessory Box The accessory box. 2 1 5 Screwdriver (Large) Screwdriver (La
connect the machine plug to the machine socket. 4 3 Connect the power supply plug to your power supply 6 Speed controller. The harder you press on
the controller, the faster the machine runs. How to Turn the Handwheel Always turn the Handwheel toward you (Counterclockwise). 1 Handwheel 1 Opening and Closing the Side Cover to the left. To close: Push the side cover to the right. 1 Side cover Opening and Closing the Looper Cover To open: (A) While pushing
with the thumb to the right as far as it will go, pull the looper cover toward you. (B) 1 To close: (B) Lift the looper cover and push it against the machine. Raising or Lowering the Presser foot lowered except when threading the
machine or test running without threads. Thread tension will be released when the presser foot 2 1. Turn off the power switch and unplug the machine. 1 2. Raise the needle and the presser foot. 4 3. The Position of Thread Guide Bar 1 Pull the thread guide bar up as far
as it will go. Turn the thread guide bar so that the thread guide sare right above the spool pins. 2 1 2 3 4 3 Thread guide shaft, as shown, are set in at the correct position. Attaching the Spool Holder Cap and Net 3 1. When you use a small thread spool, pull out
the spool holder from the spool pin. Accessories For Decorative Threads and yarns that smoothly pass through the looper or needle. Never use a thread that breaks easily if you pull on it. Do not use fuzzy (ex. mohair yarn) or uneven threads that can catch on
thread guides. Tension Release Clips Place the tension release clip into any thread Suide that is using a decorative thread Suide Decorative thread suide Decorative thread is a safety 4 thread. The stitch stretches without breaking.
The second needle thread reinforces the durability and strength of the stitch, but the stitch retains its elasticity. Common Uses 1. Excellent for sewing knit garments. 2. Appropriate for loose fitting woven garments by 3 Thread Wide Three threads lock together on the fabric edge forming a balanced stitch. The overlock stitch is suitable for medium to
heavyweight fabrics. Common Uses 1. Construction method for knitwear. 2. Edge finish on single layer of fabric. Rolled Hem 2 The
needle and lower looper threads form a stitch that rolls the fabric before encasing the edge. Common Uses 1. Since there are only 2 threads, the result is lighter and finer than Rolled Hem 3. This is an advantage for lightweight fabrics like chiffon and bridal veiling edging. 10 Overcast 2 The needle and lower looper threads form an edge finish that is
lightweight and flat. Common Uses 1. Finish an open seam edge on lightweight fabrics. Adjustment of Stitch length fabrics. Adjustment of Stitch length turn the dial. The select stitch length fabrics and narrow hemmings. 1 Stitch length dial 2 Setting mark Adjustment of
Differential Feed Ratio The differential feed ratio can be altered by turning the dial. 1 The number on the dial indicates the neutral position. Needle Position The needles to be used for a specific stitch are indicated by icons above the needle position marks. Remove a needle if not to
be used. Tilting up the needle clamp The needle clamp and inserting the needle clamp and inse
serging Push up the guide for serging with 3 or 4 threads. 1 Changeable thread guide 1 2 2 thread serging (ST) Push down the lever for standard serging with 2, 3 or 4 threads 2 Lower looper pre-tension setting lever 2 Rolled hemming
(RH) Push up the lever for rolled hemming with 2 or 3 threads. Changing to Two-thread serging Attach the spreader to the upper looper for 2-thread sewing. * In case of two-thread serging, use one needle thread and the lower looper for 2-thread sewing. * In case of two-thread serging attach the spreader into the hole on the upper looper,
and slide the spreader down into the holder. 1 Spreader 2 Upper looper 3 Holder 2 3 To remove the spreader up and pull it out. Adjustment of Needle Plate Setting Knob (Changing to Standard Serging or Rolled Hemming) 1 The needle plate setting knob is connected with the
chaining finger. The chaining finger will slide back and forth when you set the needle plate setting knob at "S" or "R". 2 1. Turn off the power switch and unplug the machine. 2 2. Open the looper cover and side cover. Deactivate the upper Knife 1. Turn off the power switch and unplug the machine.
2. Open the looper cover and side cover. 1 3. Turn the upper knife in the down position. 4. Turn the handwheel to check if the upper knife is deactivated. 5. Close the looper cover and side cover. 1 Upper knife release knob 2
 Upper Knife 2 To Activate the Upper Knife 1 1.Adjustment of Cutting Width When cutting width is too narrow or too wide against seam width, adjust it as follows. Turn the cutting width adjusting dial to move the lower knife to the desired position.* The lower knife position can be set at 3-5 mm from the right needle position. Threading the Machine 5
3 2 1 The illustration shows the machine thread guide Thr
the new thread through the machine, following the steps below. 7 * Turn off the power switch before threading procedure as follows: * Turn off the power switch and unplug the machine. 1. Raise the presser foot and pull the thread chain out to the back of the presser foot, and
cut the chain to separate each of the threads. 1 Cut off the tangled threads. 1 Cut off the tangled threads. 1 Cut off the thread which had been broken. 2 Example: Re-thread the lower looper thread 2 3. Turn the handwheel toward you until the needle comes to its highest position. Threading the Lower Looper Open thread 2 3. Turn the handwheel toward you until the needle comes to its highest position.
of thread on the right side spool pin. * The points to thread for lower looper are marked in green. * A convenient thread on the corner A, and then pass the thread through the looper cover. 2 3 10 9 4 5 8 7 6 1.4. Hook the thread on the machine body inside the looper are marked in green. * A convenient thread for lower looper are marked in green. * A convenient thread on the machine body inside the looper thread guide. A 5. Pass the thread through the changeable thread
guide. 6. Pass the thread through the looper thread guide (1). 4 5 6 7 4 6 7 5 Looper thread guide (1) 4, 5, 6, 7 8. Turn the handwheel toward you to move the lower looper to the right
side.10. Move the lower looper to its rightmost position by turning the handwheel, and draw the thread b Lower looper a Needle thread b Lower looper thread b a NOTE: How to thread woolly
nylon/polyester thread. a * The illustration at left shows one of the easiest ways to pass woolly nylon/polyester thread for upper Looper are marked in yellow. * A convenient threading chart is placed on the
machine body inside the looper cover. 2 3 6 7 4 5 1. Draw the thread guide second from the thread guide
thread through the looper thread guide. 4 Looper thread guide. 4 Looper thread guide. 5 6. Pass the thread through the looper thread through the looper thread guide. 7 7. Holding the end of the thread with a pair of tweezers, pass it through the hole on the upper looper. Pull 10 cm (4")
or more of thread through the hole. Threading the Needle on the Right Place the spool of thread on the spool pin second from the left. 1 * The points to thread on the machine body inside the looper cover. 2 7 8 5 6 3 4 9 10 1.4. Pass the thread under the thread guides r
and t from the right to the left. 7 8 5. Slip the thread into the slit y of the take-up lever cover from the bottom. Pull the thread guide u. 4 5 6. Pull down the thread guide u. 4 5 6. Pull down the thread guide o. 6 10 8. Threading
the Needle with the Needle Threader w q The needle clamp can be tilted up for easy threading (see page 15). When rethreading, remove the thread from the needle clamp, be sure to: - turn the power switch off. - turn the handwheel toward you and match the alignment
marks. - lower the presser foot. q Power switch w Alignment marks Hold the needle threader with the triangle mark facing up. Threading the Needle on the left are marked in blue. * A convenient threading chart is placed on the machine body inside the
looper cover. 2 6 7 8 3 4 5 9 1. Draw the thread guide on the left from back to front: A 1 * If the thread guide hole again as shown: B 1 Thread guide 1 (A) (B) 2 2.4. Pass the thread under the thread guide r from the right to the left. 5. Slip the thread
into the slit t of the take-up lever cover from the bottom. Pull the thread up and hang it up over the third thread guide y. 6 7 6. Pull down the right to the back of the needle bar thread guide i. 8.TEST STITCHING Starting Sewing Insert the fabric under the toe of
the foot (It is not necessary to raise the foot.) Turn the handwheel gently toward you a couple of turns and check the thread chain. Then start sewing slowly. The fabric in front of the knife. Then lower the foot and
start to sew while guiding the fabric. Finishing Sewing 1. Securing Ends To avoid unravelling, it is necessary to leave a thread chain about 5 cm (2") long at the beginning and at the beginning and the beginnin
Thread the chain through a large eyed needle, and weave that chain through the overlock stitches on the fabric. C. Cut the chain at the edge of the fabric. Thread Tension (4 threads) Balanced tension may be required depending upon the
type of fabric and thread being used. 1 5 2 4 1 2 3 4 5 6 6 3 Thread tension adjustment * Set all four thread tension dials at "3". Then sew, and check the thread tension with the thread tension dial. Looper thread tension is out of balance (1) The illustration
shows sewing results when the lower looper thread tension is too tight and/or upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and/or tighten upper looper thread tension is too loose. 1 Remedy: Loosen lower looper thread tension and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and/or tighten upper looper thread tension. 3 Thread Serging Using the needle on the right and or tight and or tight
mm. The illustration on the left shows you how to thread guide: 3/4 1 Using the needle on the left only (for stitch numbers 10-12) When you use the left needle, the standard sewing width is 5.7 mm. Thread Tension (3
threads) Balanced tension The illustration at left shows sewing results with balanced tension settings. However, adjusting the thread tension adjustment * Set three thread tension dials at "3". Then sew, and check the thread tensions. If the
tension balance on the test piece is not satisfactory, you can adjust the thread tension with the tension wit
needle clamp screw on the side that is not being used to prevent losing the screw. 2 1 2 thread converter 2 Changeable thread guide: 2 Using the needle on the left only (for Overcast 2 and Flatlock 2) When you use the left shows sewing
results with correct tension settings. However, adjusting the thread tension may be required depending on the type of fabric Right or left needle thread tension adjustment * Set two thread tension dials at "3". Then sew, and check the thread
tensions. Needle/Lower looper thread tension is out of balance (2) The illustration shows sewing results when the needle thread tension is too loose. 1 3 2 2 2 2 3 3 3 3 4 4 4 4 10 9 Remedy: Loosen needle thread tension and/or tighten lower looper thread tension. Thread Tension for Rolled Hem 3
Balanced tension 1 The illustration at left shows sewing results with balanced tension settings. Adjusting the thread tension may be required depending on the type of fabric Right needle thread Upper looper thread Lower looper thread Thread
tension adjustment 1. Set the tension dial as shown. 2. Sew and check the tensions at left shows sewing results with balanced tension settings. CARE OF YOUR MACHINE
CAUTION: Turn the power switch off and unplug the machine before cleaning or maintenance. Replacing the Upper Knife To remove: 1. Turn off the power switch and unplug the machine before cleaning or maintenance. Replacing the looper cover and side cover. 4. Turn the handwheel toward you until the upper knife reaches its highest position. 4. Remove the hexagonal bolt and
the upper knife. 2 3 To attach: 1. Insert new upper knife into the groove of the knife holder and stopper pin.Replacing the Light Bulb 1 1. Turn off the power switch and unplug the machine. 2. Remove the face plate 2 Setscrews 2 To remove: Push and twist to the left. To attach: Push and twist to the
right. Reattach the face plate, and retighten the face plate setscrews. 3 4 3 Light bulb 4 To remove 5 To attach 5 Note: * The machine is designed to use a 15 WATT maximum light bulb. * The light bulb will be HOT. Protect your fingers when you handle it. Oiling the Machine Apply a few drops of fine quality sewing machine oil to the parts indicated
with arrows. It is recommended to apply oil once a week in normal use, once in ten hours in continuous use. * Open the side cover and apply oil. * Open the looper cover and apply oil. Carrying the Machine Put your fingers into the hole of the rear arm as illustrated. Troubleshooting Reference Cause Condition The fabric is not being fed smoothly. 1.
The feed dog is packed with lint. 2. The presser foot has been raised. See page 45. Lower the presser foot. The needle is incorrectly inserted. 2. The needle is incorrectly inserted. 2. The presser foot has been raised. See pages 21-31. See pages 35-42. See
page 15. Replace the needle. Skipped stitches 1. Elna International Corp. SA - Geneva-Switzerland www.elna. Page 21IMPORTANT SAFETY INSTRUCTIONSThis appliance is not intended for use by persons (including children) with reduced physical, sensory ormental capabilities, or lack of experience and knowledge, unless they have been given
 supervision orinstruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with this overlock machine by a person responsible for their safety precautions should always be followed, including thefollowing: This overlock machine is designed and manufactured
for household use only. Read all instructions before using this overlock machine. DANGER—To reduce the risk of electric shock: 1. An appliance should never be left unattended when plugged in. Always unplug this overlock machine from the electric outlet immediately after using and before cleaning. 2. Always unplug before replacing an overlock machine from the electric outlet immediately after using and before cleaning. 2. Always unplug before replacing an overlock machine from the electric outlet immediately after using and before cleaning. 2. Always unplug before replacing an overlock machine from the electric outlet immediately after using and before cleaning. 2. Always unplug before replacing an overlock machine from the electric outlet immediately after using and before cleaning. 3. Always unplug before replacing an overlock machine from the electric outlet immediately after using an overlock machine.
machine bulb. Replace bulb with same type rated 15Watts.WARNING— To reduce the risk of burns, fire, electric shock, or injury to persons:1. Do not allow to be used as a toy. Close attention is necessary when this owner's manual. Use only
attachments recommended by the manufacturer as contained in this owner's manual.3. Never operate this overlock machine if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return this overlock machine to the nearest authorized dealer or service center for examination, repair,
electrical or mechanical adjustment.4. Never operate the appliance with any air openings of thisoverlock machine and foot controller free from accumulation of lint, dust and loose cloth.5. Never drop or insert any object into any opening.6. Do not use outdoors.7. Do not operate where aerosol (spray) products are
being used or where oxygen is beingadministered. 8. To disconnect, turn all controls to the off ("O") position, then remove plug from outlet. 9. Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord. 10. Keep fingers away from all moving parts. Special care is required around the overlock machineneedle and/or cutting blade. 11.
Always use the proper needle plate. The wrong plate can cause the needle to break.12. Do not use bent needle causing it to break.13. Do not pull or push fabric while stitching. It may deflect the needle area, such asthreading the needle, changing the needle,
threading the bobbin or changing the presser foot, andthe like.15. Always unplug this overlock machine from the electrical outlet when removing covers, lubricating, or when making any other adjustments mentioned in this owner's manual.16. The needle clamp must be locked in down position when operating the machine. Otherwise theneedle may
hit the foot or needle plate, and cause the needle to break. SAVE THESE INSTRUCTIONSThe design and specifications are subject to change without a prior notice. Please note that on disposal, this products. If in doubt please contact your
 retailer for quidance.(European Union only)Page 3Page 42Do's and Don'ts1. Always be aware of the up-and-down movement of the machine unattended, the main switch of the machine must beswitched off or the plug must be removed from the
socket-outlet.3. When servicing the sewing machine, or when removing covers or changing lamps, the machinemust be disconnected from the power supply by removing the plug from the socket-outlet.4. Do not place anything on the foot control, otherwise the machine will start inadvertently, or the control or motor may burn out.5. The maximum
permissible power for the sewing lamp bulb is 15 watts.6. When using your sewing machine for the first time, place a piece of waste fabric under thepresser foot and run the machine without thread tension dialRight needle thread tension
dialUpper looper thread tension dialLower looper thread tension dialLower looper thread dialSide coverLooper coverHandwheelPower switchMachine socketDifferential feed dialStitch length dialSpool standSpool holderSpool pinThread quide barThread quide barThread quide barThread quide barThread quide barThread feed dialStitch length dialSpool standSpool standSpool holderSpool pinThread quide barThread quide barThre
cutterPresser foot lifterNeedle plateUpper knife release knobCutting width adjusting dialLower looperUpper knifeLower knifeChangeable thread guideStitch reference dialCutting width indicator
windowPREPARATION1345678917151614131211101819202122232425282927263023132234567891011213141516171819202122242526272829301233132Page 63TABLE OF CONTENTSPREPARATIONNames of Parts.
                                                                                                                                                                                                                                                                                                                                                                        .... 4Attaching the Waste Chip Box ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                  .... 5Accessory Box
                                                                                                                                                                                                                                                                                                                                                         ..6How to turn the Handwheel ...
                                                  5Standard Accessories ......
                                                                                                                                                                                                   ...5Connecting the Machine to the Power Supply........... 6Controlling Sewing Speed...
                                                                                                                           . 5Storing the Accessories .......
                                                                                                                                                                                                                                                                                                                                                                                                                                    . 7Opening and Closing the Side Cover .
                                                                                                                                                                                                                       .....8Attaching the Presser Foot ...
                                                                                                                                                                                                                                                                                                                                                                              . 8The Position of Thread Guide Bar ......
..... 8Removing the Presser Foot ....
                                                                                                                                                                                                                                                                                                    . 8Adjustment of Foot Pressure ....
                                                                                                                                                                                                                                                                                                                                                                                                                                              ........... 9Attaching the Spool Holder Cap and
                                                                                                                                                                                                                                                                                                                          .... 14Adjustment of Differential Feed Ratio .
          ......10Stitch Definition ..
                                                                                                                                                                                                                                                ... 11Adjustment of Stitch Length ...
                                                                                                                                                                                                                                                                                                                                                                                                       .. 14Needle Position ..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  . 16Lower Looper Pre-
Tension Setting Lever ............ 16Changing to Two-thread Serging ........
                                                                                                                   .... 17Adjustment of Needle Plate Setting Knob......18To Deactivate the Upper Knife ...
                                                                                                                                                                                                                                                                       .... 19To Activate the Upper Knife ...
                                                                                                                                                                                                                                                                                                                                                   . 19Adjustment of Cutting Width
                                                                                                                                                                                                                                                                                                                                                                                                                              . 20Threading the Machine
                                  ...21Threading the Lower Looper .....
                                                                                                             ... 23Threading the Upper Looper .........
                                                                                                                                                                                    ..... 26Threading the Needle on the Right .
                                                                                                                                                                                                                                                                   . 28Threading the Needle with the Needle Threader .. 30Threading the Needle on the Left
                                                                                                                                                                                                                                                                                                                                                                                                                       .. 31TEST STITCHINGStarting Sewing
                                                                                                                                                                                           ...... 33How to Use Guide Lines .......
                                                                                                                                                                                                                                                                          ... 33Securing Ends ....
                                                                                                                         .. 33Sewing Continuously .....
                                             ... 33Finishing Sewing .......
                                                                                                                                                                                                                                                                                                                                                     ... 34Thread Tension (4 threads) .
                                                                                                                                                                                                                                                                                                                                                                                                                            ..... 353-Thread Serging .
37Thread Tension (3 threads) ..
                                                                                                                                                                                                                       ..... 40Thread Tension for Rolled Hem 3 .....
                                                                        .. 382-Thread Serging ...
                                                                                                                                               ..... 39Thread Tension (2 threads) .......
                                                                                                                                                                                                                                                                                                   .... 42CARE OF YOUR MACHINEReplacing the Upper Knife ....
                                                                                                                                                                                                                                                                                                                                                                                                                       44Cleaning Upper Knife Area
                                                                                                    ...... 45Cleaning the Feed Dog ........
                                                                                                                                                                                                                                                      ...... 46Carrying the Machine ......
                             ...44Replacing the Light Bulb ........
                                                                                                                                                                              .....450iling the Machine .....
                                                                                                                                                                                                                                                                                                                                     ... 46Troubleshooting.
                                                                                                                                                                                                                                                                                                                                                                                                                 . 47Page 7798-800-116 (EN)Elna International Corp. SA - Geneva-
Switzerland www.elna.com
```

